

## CLAIMS

What is claimed is:

- 1 1. A method, comprising:  
2 receiving a set of configuration parameter change requests within a  
3 transaction;  
4 checksetting the set of configuration parameter change requests within the  
5 transaction; and  
6 executing the set of configuration parameter change requests within the  
7 transaction.
- 1 2. The method of claim 1 wherein said receiving a set of configuration parameter  
2 change requests within a transaction comprises receiving requests to change at  
3 least two configuration parameters of a module.
- 1 3. The method of claim 1 wherein said receiving a set of configuration parameter  
2 change requests within a transaction comprises receiving configuration parameters  
3 in an incorrect sequence.
- 1 4. The method of claim 1 wherein said checksetting the set of configuration  
2 parameter change requests within the transaction comprises requesting validation  
3 of configuration parameter change requests.
- 1 5. The method of claim 1 wherein said checksetting the set of configuration  
2 parameter change requests within the transaction comprises receiving a response  
3 to requesting validation of configuration parameter change requests.
- 1 6. The method of claim 1 wherein said checksetting the set of configuration  
2 parameter change requests within the transaction comprises determining a  
3 corrected sequence for configuration parameter change requests.

1 7. The method of claim 1 wherein said executing the set of configuration parameter  
2 change requests within the transaction comprises rejecting configuration  
3 parameter change requests.

1 8. The method of claim 1 wherein said executing the set of configuration parameter  
2 change requests within the transaction comprises deleting a temporary  
3 configuration parameter change requests database.

1 9. The method of claim 1 wherein said executing the set of configuration parameter  
2 change requests within the transaction comprises requesting a change to a  
3 configuration parameter in a module.

1 10. The method of claim 9 wherein requesting a change to a configuration parameter  
2 in a module comprises initiating configuration parameter change requests within  
3 the transaction in a corrected sequence.

- 1 11. An apparatus, comprising:  
2 a configuration manager; and  
3 a module coupled to said configuration manager.
- 1 12. The apparatus of claim 11, further comprising a management client coupled to  
2 said configuration manager.
- 1 13. The apparatus of claim 11, wherein said configuration manager comprises a  
2 microprocessor coupled to a memory device.
- 1 14. The apparatus of claim 13, wherein the memory device comprises memory to  
2 store configuration parameter change requests.
- 1 15. The apparatus of claim 11, wherein said configuration manager comprises a  
2 microprocessor to checkset and execute configuration parameter change requests  
3 within a transaction.
- 1 16. The apparatus of claim 11, wherein said module comprises circuitry to perform a  
2 function of said node.
- 1 17. The apparatus of claim 11, wherein said module comprises a module to validate a  
2 configuration parameter.
- 1 18. The apparatus of claim 11, wherein said module comprises a module to transact  
2 with a management workstation.



24. A machine-readable medium containing instructions, which when executed by a machine, cause said machine to perform operations, comprising:

- receiving a set of configuration parameter change requests within a transaction;
- checksetting the set of configuration parameter change requests within the transaction; and
- executing the set of configuration parameter change requests within the transaction.

1     25.     The machine-readable medium of claim 24 wherein said receiving a set of  
2     configuration parameter change requests within a transaction comprises receiving  
3     requests to change at least two configuration parameters of a module.

1     26.     The machine-readable medium of claim 24 wherein said receiving a set of  
2     configuration parameter change requests within a transaction comprises receiving  
3     configuration parameters in an incorrect sequence.

1     27.     The machine-readable medium of claim 24 wherein said checksetting the set of  
2     configuration parameter change requests within the transaction comprises  
3     requesting validation of configuration parameter change requests.

1     28.     The machine-readable medium of claim 24 wherein said checksetting the set of  
2     configuration parameter change requests within the transaction comprises  
3     receiving a response to requesting validation of configuration parameter change  
4     requests.

1     29.     The machine-readable medium of claim 24 wherein said checksetting the set of  
2     configuration parameter change requests within the transaction comprises  
3     determining a corrected sequence for configuration parameter change requests.

1     30.     The machine-readable medium of claim 24 wherein said executing the set of  
2     configuration parameter change requests within the transaction comprises

